

*A tunnel entry shaft on
Baxter Street at Pearl
Street Park.*



*Crews install a tunnel
shaft at the intersection
of Baxter Street and S.
McDowell Street.*



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Construction Update

Baxter Street to E Stonewall Street



Wastewater
Pipe Replacement Project
FEBRUARY 2021



Baxter Street to E. Stonewall Street Wastewater Replacement Project

WHAT: Contractors for Charlotte Water continue constructing an important wastewater project in the Uptown area that will expand the future capacity of the wastewater system in the growing central business district.

Since the work began on Phase 2 in September 2020, crews have installed tunnel shafts in the road and began tunneling under the streets from Baxter Street to S. McDowell Street. In the next 6-8 months, crews will continue tunneling and installing tunnel shafts down S. McDowell Street and up E. Stonewall Street toward S. Alexander Street (*see map*).

The work also includes the installation of the first curved tunnel in Charlotte. The curved pipe will be installed under Baxter Street and was chosen specifically for this project to minimize the number of tunnel shafts and road impacts.

WHEN: This phase of work began in September 2020 and is expected to take approximately 14 months to complete. Please note that construction schedules are subject to change, due to weather and other conditions.

WHERE: Crews will work on Baxter Street, S. McDowell Street and on E. Stonewall Street toward S. Alexander Street (*see map*).

WHAT TO EXPECT:

Lane closures and detours around work – Rolling lane closures will be in place at times as the work progresses down Baxter Street, S. McDowell Street and E. Stonewall Street. Local business access will be maintained during the closures.

Moving equipment on site – Crews will move construction equipment and materials to easements along the project site throughout construction.

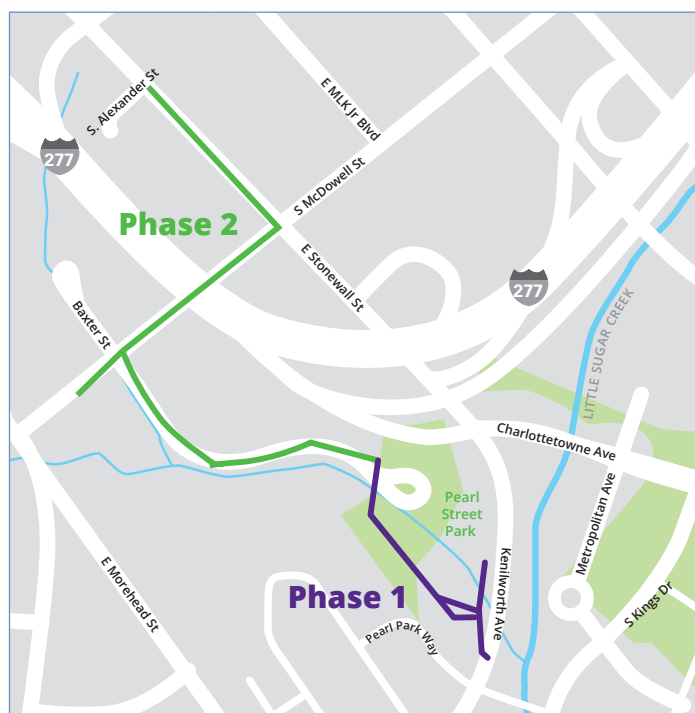
Pipe delivery and storage – Pipe is delivered and stored within the construction easements.

Establishing a safe work zone – Fencing will be installed around work areas and pipe will be stabilized.

Tunnel preparation and construction – Crews will construct tunnel entry and exit shafts and tunnel in between, to reduce impact to properties and motorists.

Customers may feel a rumble – Crews may remove rock by use of controlled small-scale blasts. Blasting is a standard construction procedure and a seismograph monitor will record all vibrations to ensure they are within specifications.

Construction traffic – Dump trucks will travel along the alignment, within the easements and roadway.



NEXT STEPS: Construction and pipe installation in this immediate area (Baxter Street to S. McDowell Street) is expected to take 14 months to complete.

QUESTIONS: Please visit the project website at www.charlottewater.org (click on “projects”) for updates on progress. If you have questions, please contact project manager Bill Deal, (980) 722-0786, wdeal@charlottenc.gov.